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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/356,845 07/19/99 KAEWELL JR.

J I-1-50.5US

EXAMINER

WM02/0112

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PROCURE T

ART UNIT

PAPER NUMBER

2631

DATE MAILED:

01/12/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
09/356,845

Applicant(s)
John David Kaewell et al.

Examiner
Tesfaldet Bocure

Group Art Unit
2631



☒ Responsive to communication(s) filed on Oct 26, 2000

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire three month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

☒ Claim(s) 11, 13-23, 25-27, 29, and 30 is/are pending in the applicat

Of the above, claim(s) _____ is/are withdrawn from consideration

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 11, 13-23, 25-27, 29, and 30 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☒ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 11, 13-23, 25-27 and 29-30 are rejected under 35 U.S.C. 102(b) as being anticipated by **Schlosser et al.** (US patent number 3,879,581, newly cited).

Schlosser teaches a communication system having a repeater station (100) (claimed primary) for communicating with a plurality of subscriber stations (not shown, see subscriber line in figure 1) and data terminals (110), wherein the repeater terminal comprising means and steps for: receiving an information signal from one of the subscriber stations using an up-link channel and slot through a data terminal (110); detecting the received up-link signal from the terminal and the sync signal and assigning a sync. signal in a corresponding time slot for transmitting to the receiving end on the assigned time slot and frequency (2a-2f and claims 1-6) as in claims 11, 13, 15, 16, 19, 22, 26 and 30. The repeater unit modifies the received up-link signals to be transmitted and assigns the down-link time slot without the knowledge of the data terminals and subscriber units, and therefore it is transparent to both the subscriber and the data terminals.

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Further to claims 14,17 and 20, the data terminals and the subscriber station (not shown) are outside the operating range.

The time slots in figures 2a-2f having a corresponding up-link and down-link frequencies (800 channels) as in claims 23,27 and 30.

The repeater unit (100) modifies the received signal to be transmitted to the receiving end, therefore, reads on the claimed equalizing the received signal before retransmitting as in claims 25,29 and 31.

The repeater unit is a radio transceiver reads on the claimed transmitter and receiver embedded on radio as in claims 18 and 21.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US patent numbers 4,001,691; 4,513,416; 4,742,514; 4,713,809 and 4,794,649 issued to Gutenberg, Figure, Goods et al., Masotho and Figure respectively disclose a repeater unit having means for assigning a time slot to a corresponding base station and subscriber stations.

European Patent Application A-0-210-811 issued to Masotho teaches a repeater unit having means for assigning a time slot to a corresponding base station and subscriber stations.

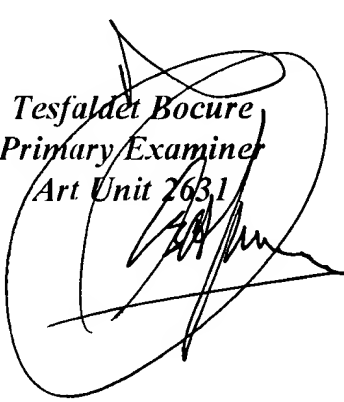
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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to T.Bocure whose telephone number is (703) 305-4735. The examiner can normally be reached on Monday through Thursday the first week of a bi-week and Monday through Friday the second week of a bi-week from 7:00am to 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham, can be reached on (703) 305- 4378. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-4743 or (703) 305-3988 .

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-4700.

Tesfaldet Bocure
Primary Examiner
Art Unit 2631

A large, stylized handwritten signature in black ink, overlapping the printed name and title of the examiner.

T.Bocure

January 11, 2001